

FIG.

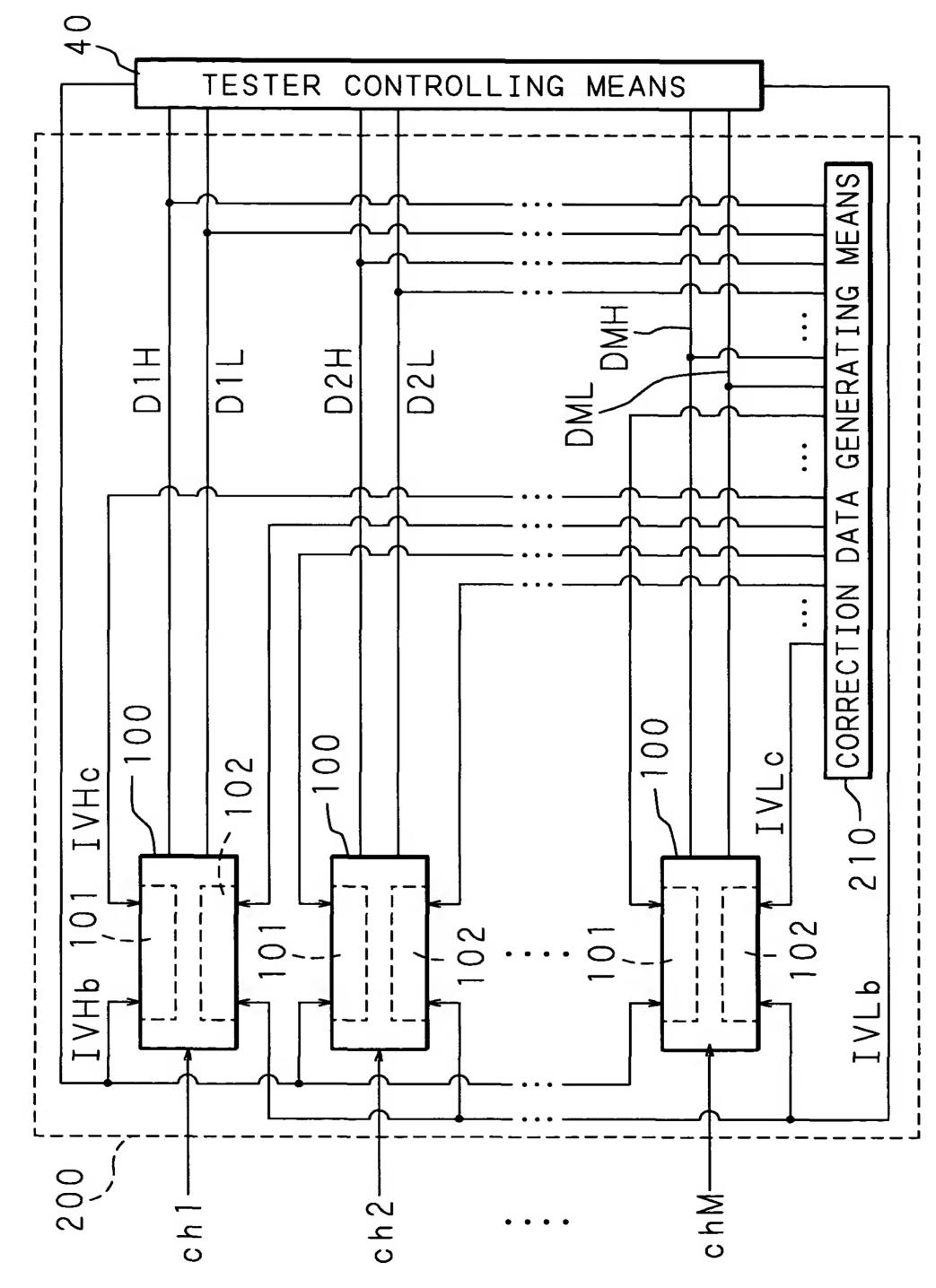


FIG. 2

FIG.

 \mathcal{C}

F I G.

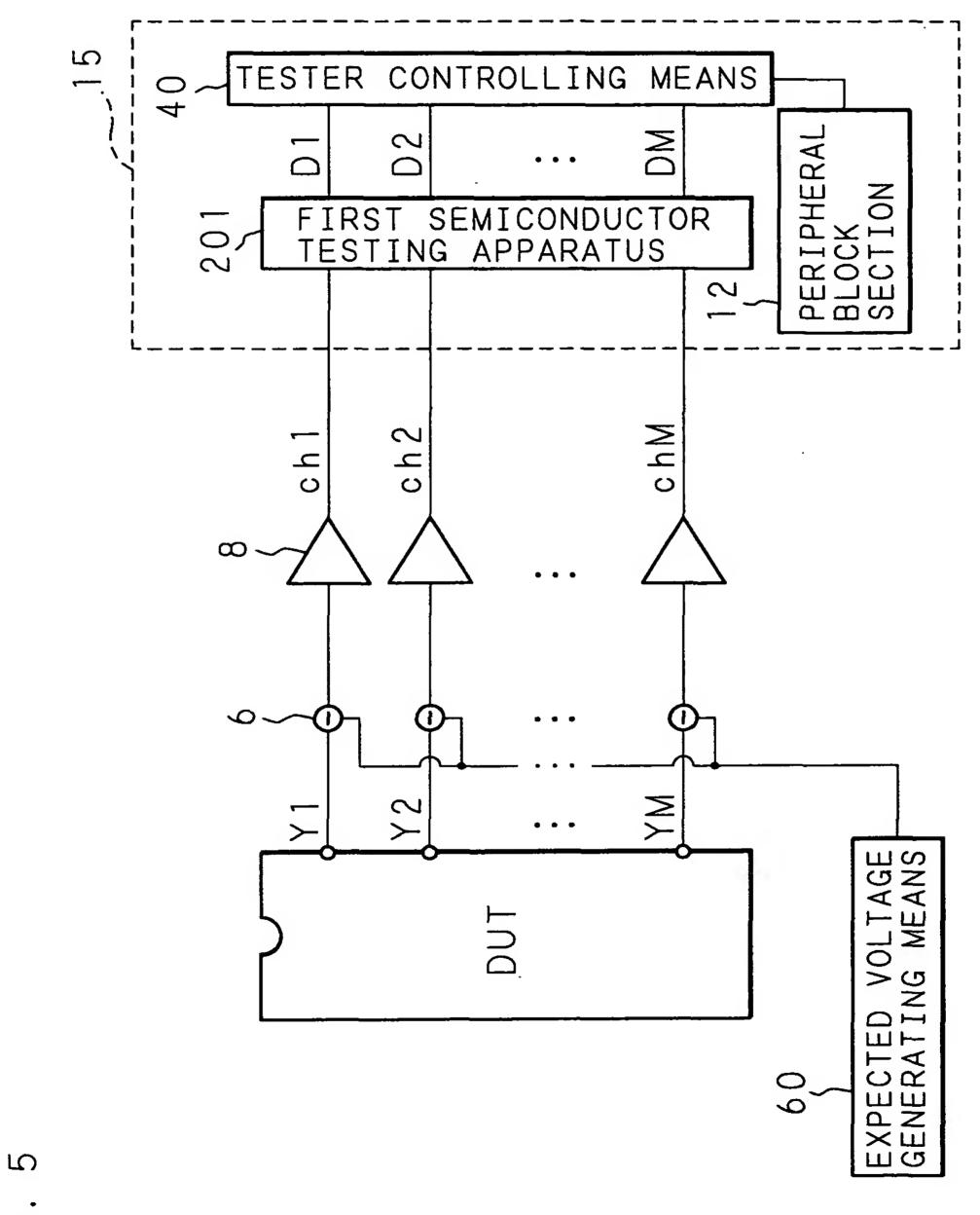


FIG.

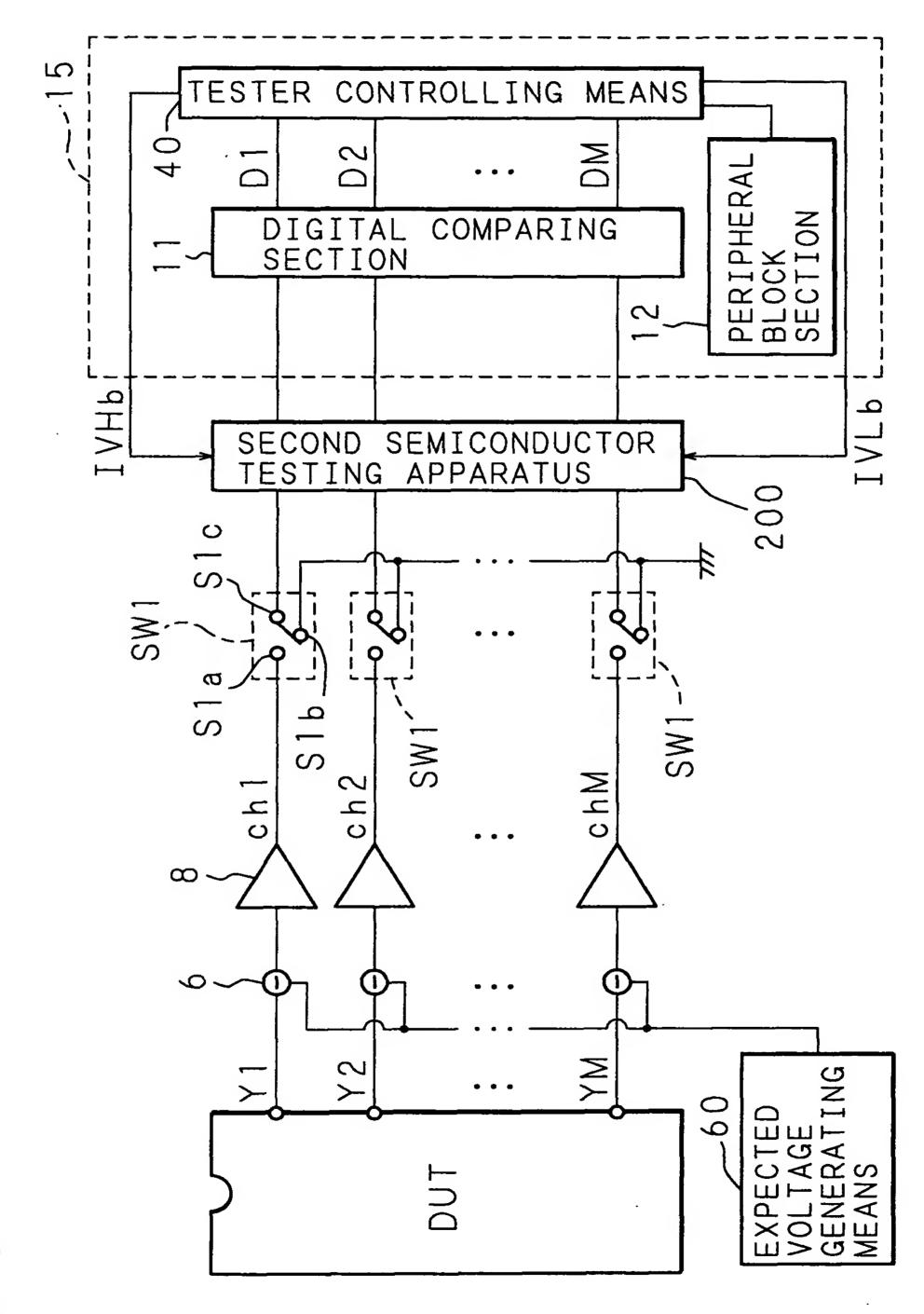


FIG.

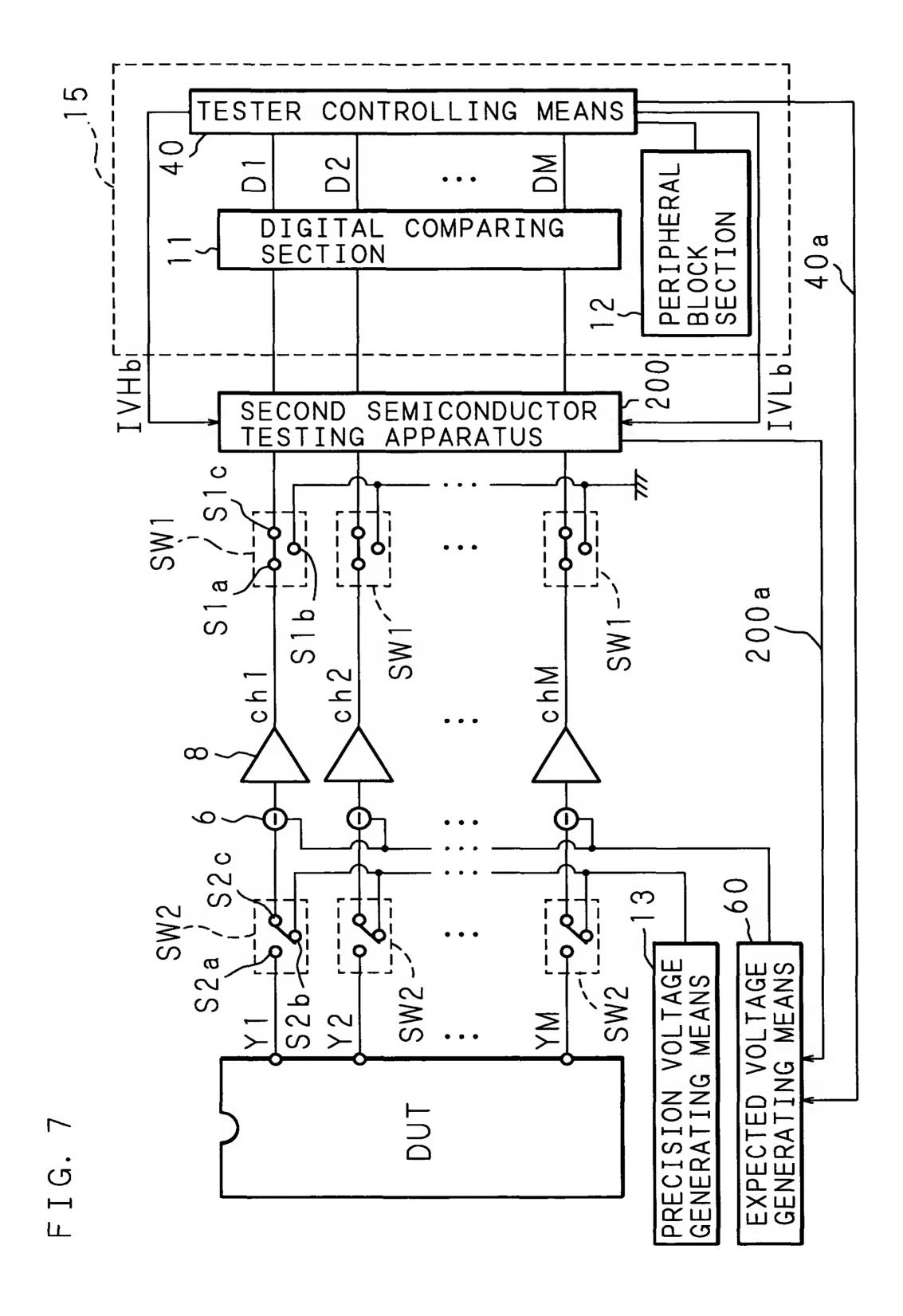
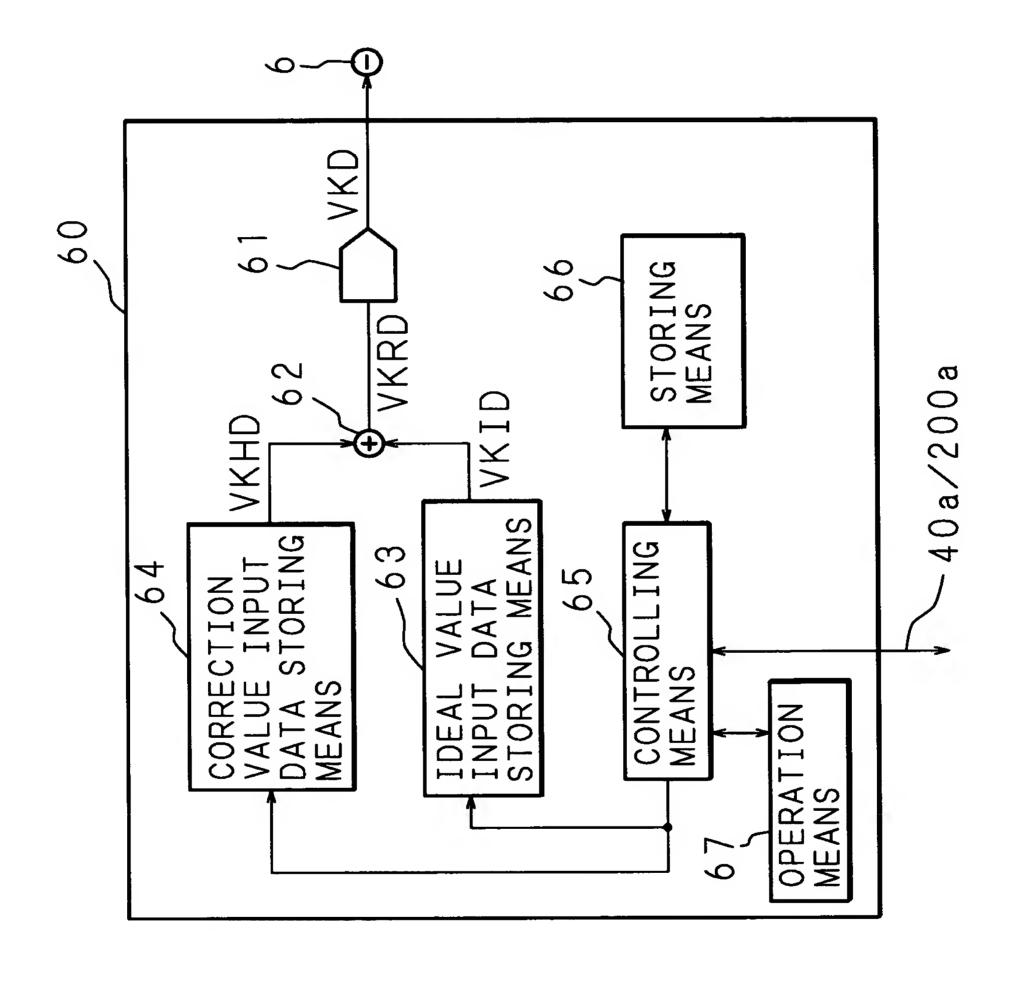


FIG.

 ∞



5 (Vm:TINU) 0.062 125 ERROR 0.25 5 0 $\dot{\circ}$ 8 ∞ 44 52 4 20 2 4 COMPARATOR HIGH HIGH HIGH HIGH HIGH HI GH LOW LOW LOW Γ \ \ \ \ \ \ MO7 POSITIVE TERMINAL INPUT VOLTAGE (EFFECTIVE INPUT VOLTAGE) 0.0625 125 0.25 5 $\ddot{\circ}$ 0 48 52 ∞ 44 20 2 Z -19.937525 IVHC CORRECT VALUE 75 Ω 20. 19. 20. 40 22 - 1 32 28 16 64 STEP (1) 2 6 \sim 4 9/ ∞ 0

(DAC QUANTIZATION ERROR: REMOVED)

FIG. 11

0.06750.125 (Vm:TINU) ERROR -0.25-0.520 ∞ ~ 52 4 44 ∞ 4 COMPARATOR HI GH HIGH HIGH HI GH HIGH LOW LOW LOW MOJ LOW LOW LOW POSITIVE TERMINAL INPUT VOLTAGE (EFFECTIVE INPUT VOLTAGE) -0.06250.125 -0.250.5 9 10 22 7 4 118 74 IVHC CORRECTION VALUE 2 -9.875 10.062 0.25 5 128 6. 9 8 0 2 4 4 9 \mathcal{C} 2 STEP \sim 28 24 25 26 27 0 3 \mathfrak{C} ω 2 20

(DAC QUANTIZATION ERROR: REMOVED)

FIG. 12

							(N m : L INN)
			DAC		AMPLIFIER	FIER	
STEP	IDEAL INPUT DATA	ION	REAL INPUT DATA	EFFECTIVE OUTPUT VOLTAGE	INPUT	OUTPUT VO! TAGE	COMPARATOR OUTPUT VOLTAGE
	VKID	VKHD	VKRD	VKD			
41	100	128	228	218	-118	-2832	LOW
42	100	-64	36	26	74	1776	HIGH
43	100	32	132	122	-22	-528	MOT
44	100	-16	8 4	74	26	624	HDIH
45	100	8	108	86	2	48	HDIH
46	100	20	120	110	-10	-240	MOT
47	100	14	114	104	- 4	96-	MOT
48	100	11	111	101	-1	7 7-	MOT
49	100	9.5	109.5	9 9. 5	0.5	1.2	HDIH
20	100	10.25	110.25	100.25	-0.25	9-	MOT
51	100	9.875	109.875	99.875	0.125	3	HDIH
55	100	10.0625	110.0625	100.0625	-0.0625	-1.5	MOT
53	100	9.9688	109.9688	9896.66	0.0312	0.7488	HIGH
54	100	10.015675	110.015675	100.015675	-0.015675	-0.3762	LOW
52	100	9.992237	109.992237	99.992237	0.00777	0.1865	HIGH
,	+C+	L O L O * H . O .				7 7 0 7 0 7	(\CL\ + L\

GENERATING MEANS 13=100m V (FIXED)) PRECISION VOLTAGE 0F (OUTPUT VOLTAGE

(\n:\I\n) 100 100 00 00 00 00 00 00 00 VKS COMPARA-TOR OUTPUT VOLTAGE HIGH HIGH HIGH HIGH HIGH HIGH LOW LOW LOW MOJ LOW LOW OUTPUT VOLTAGE 12.240 272 95.760 -48.24023.760 3.240 904 5.760 3072.552 768.312 383.808 192.264 1535. AMPLIFIER INPUT VOLTAGE -0.05332.013 966 15.992 0.990 0.240 -8.011066 -2.010-0.135-128.023-0.51063. က EFFEC-TIVE OUTPUT VOLTAGE 99.947 36.004 99.760 84.008 96.010 99.010 228.023 32.013 102.010 105.510 100.135108.011 VKD 9375 125 'KRD REAL INPU-DATA 75 AC 5 36 32 28 99 08 84 96 00 66 00 66 2 -0.06250.125 \circ CORRE(TION INPUT DATA -0.25 VKHD 0.5 ∞ 32 64 9 ∞ 2 4 ~ IDEAL INPUT DATA VKID 00 00 00 00 00 00 00 00 0 0 0 0 0 0 0 STEP 2 5 9 ∞ 9 0 2 \mathcal{C} 4 9 9 9 9 9 9 9 9 9

GENERATING MEANS13=100m V (FIXED) VOLTAGE PRECISION 9 F VKS VOLTAGE (OUTPUT

2900 2900 12900 2900 2900 2900 2900 12900 2900 2900 (UMIT: mV) COMPARA-TOR OUTPUT VOLTAGE HIGH HIGH HIGH HIGH H HIGH HIGH LOW TOW LOW LOW LOW MOJ 17.040 18.960 162.064 -0.9608.040 3.552 1567.104 -415,0082 126.960 -54.960OUTPUT VOLTAGE 35 IER 3041 AMPLIF INPUT VOLTAGE -17.292 30.723 723 296 -5.290 -2.290-0.7900.335 0.148 6.711 0.710 -0.04026. -65. 2900.790 2899.290 289 2773.277 2965.296 2917.292 2905.290 2902.290 2899.665 12899.852 EFFEC-TIVE OUTPUT VOLTAGE 2869.287 2893. VKD 2898.563 2898.375 2899.5 2898.75 KRD AL IPU-12898 AC 64 9 16 92 04 DIA PANA > 28(28 29($\stackrel{\sim}{\Box}$ 29 129 27 1.4375 625 -1.25 CORRE TION INPUT DATA VKHD 5 28 9 64 32 16 ∞ 4 ~ 12900 IDEAL INPUT DATA 2900 2900 2900 2900 2900 2900 12900 2900 2900 VKID TEP 92 4 9 6 2 5 ∞ \mathcal{C} 06 ∞ 6 ∞ ∞ ∞ ∞ ∞ ∞ ∞ ∞ S

MEANS13=12900m V (FIXED) GENERATING VOLTAGE PRECISION OF. VKS VOLTAGE (OUTPUT

START

S101

INPUT DATA CORRESPONDING TO THE IDEAL CHARACTERISTICS WHICH IS THE TARGET OF THE CORRECTION OF THE CIRCUIT TO BE CORRECTED IS SET.

S102

THE INITIAL CORRECTION VALUE IS SET TO BE CORRECTION INPUT DATA THE ABSOLUTE VALUE OF WHICH IS GREATER THAN THE ABSOLUTE VALUE OF THE MAXIMUM ERROR.

S103

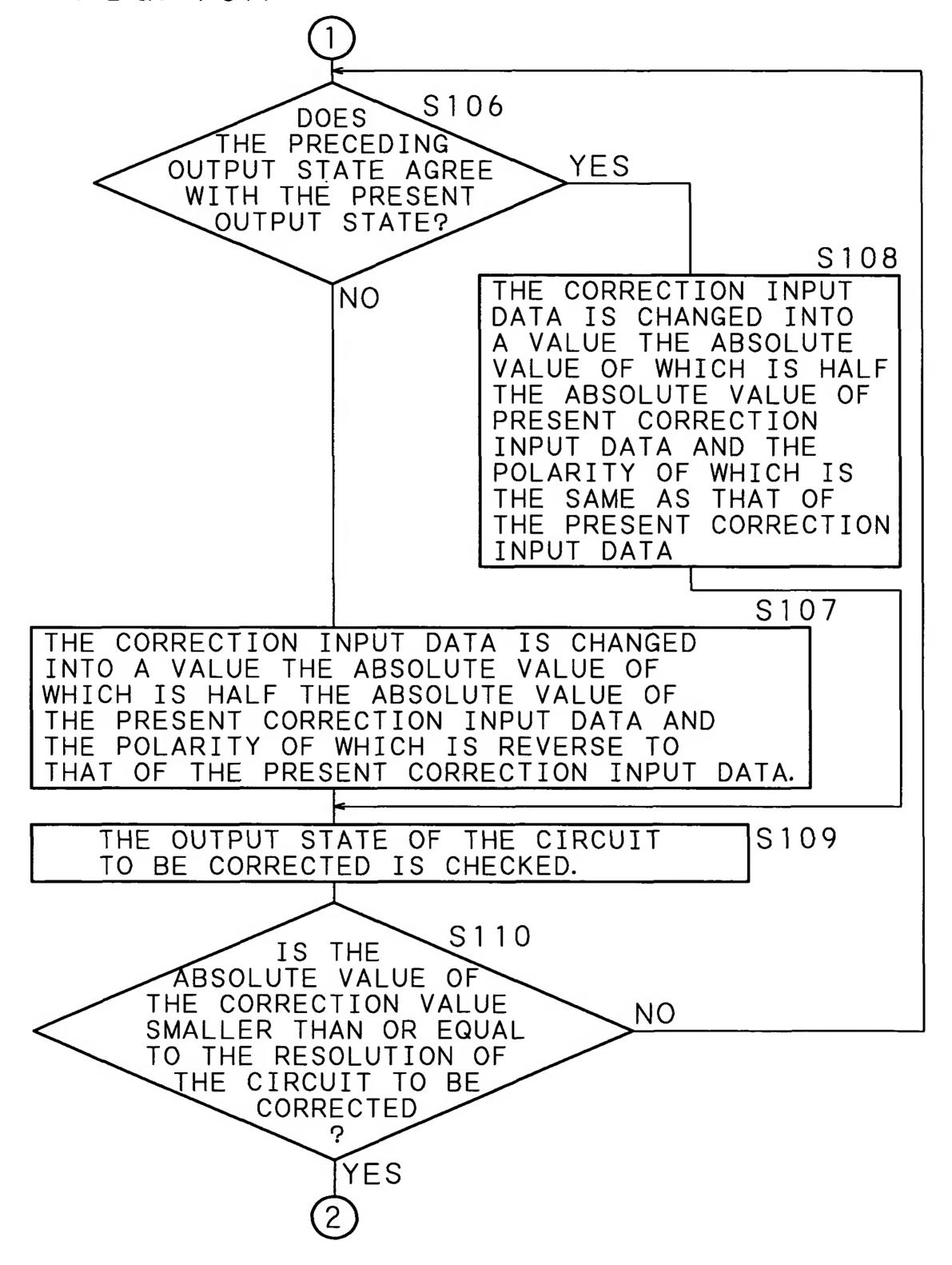
THE OUTPUT STATE OF THE CIRCUIT TO BE CORRECTED IS CHECKED.

S104

THE CORRECTION INPUT DATA IS CHANGED INTO A VALUE THE ABSOLUTE VALUE OF WHICH IS HALF THE ABSOLUTE VALUE OF THE PRESENT CORRECTION INPUT DATA AND THE POLARITY OF WHICH IS REVERSE TO THAT OF THE PRESENT CORRECTION INPUT DATA.

S105

THE OUTPUT STATE OF THE CIRCUIT TO BE CORRECTED IS CHECKED.



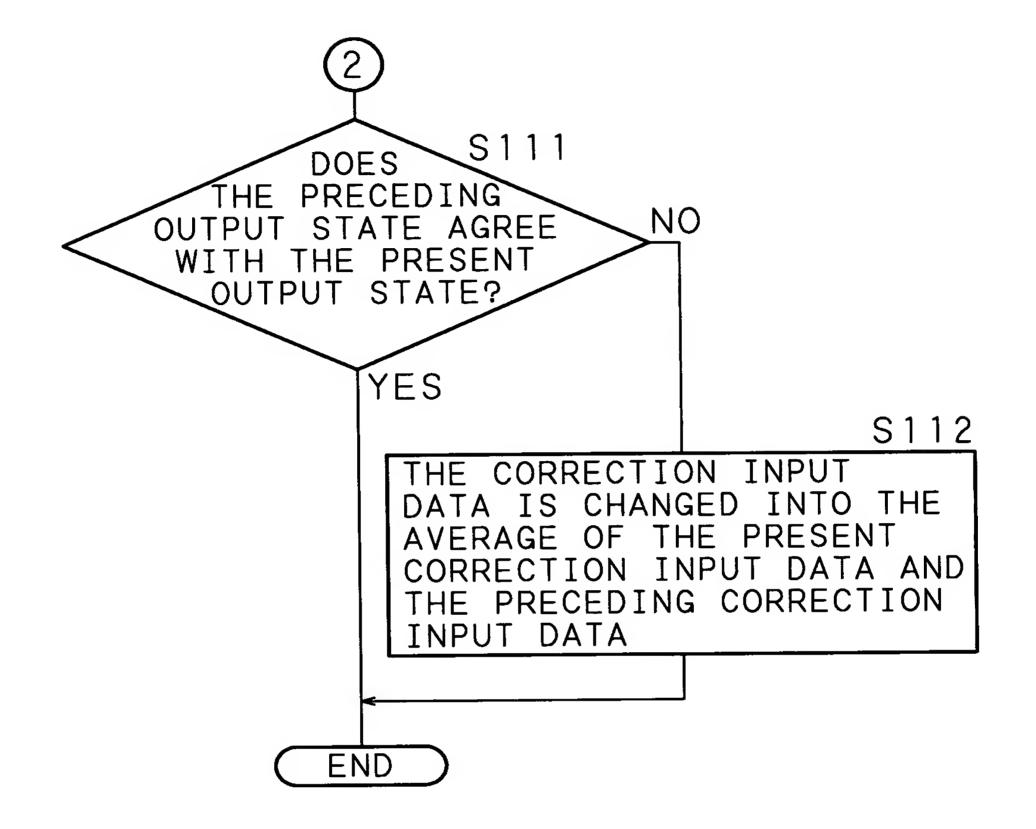


FIG. 17 PRIOR ART

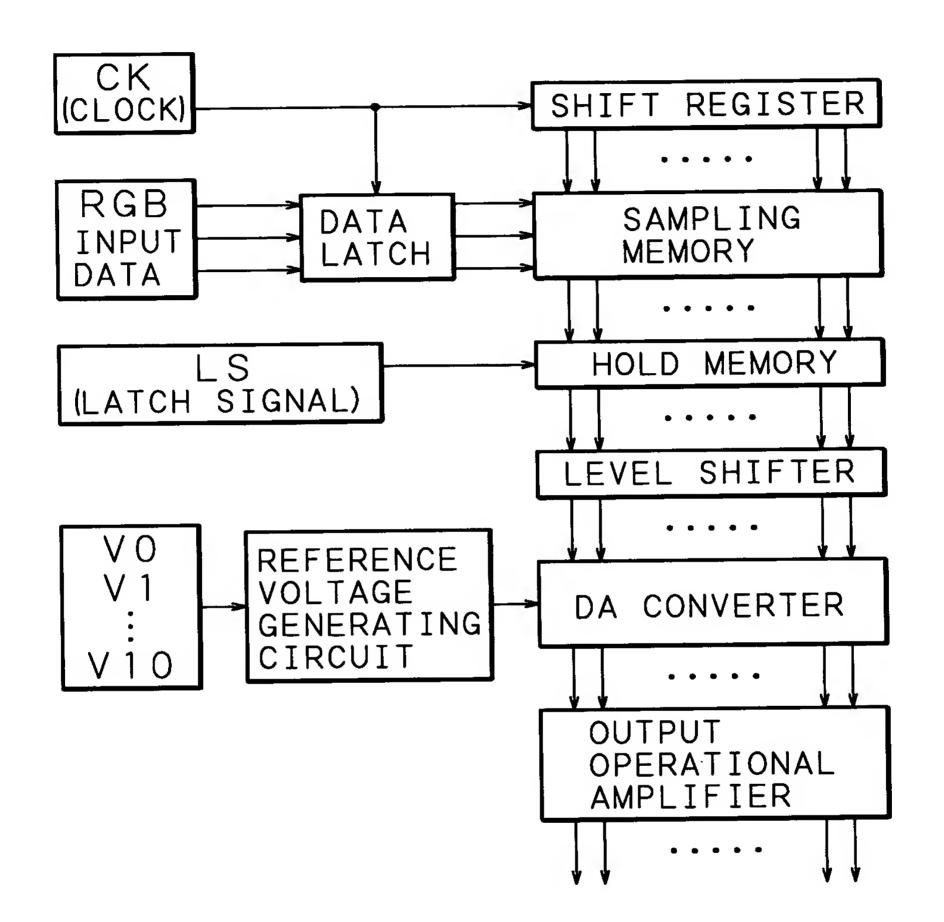
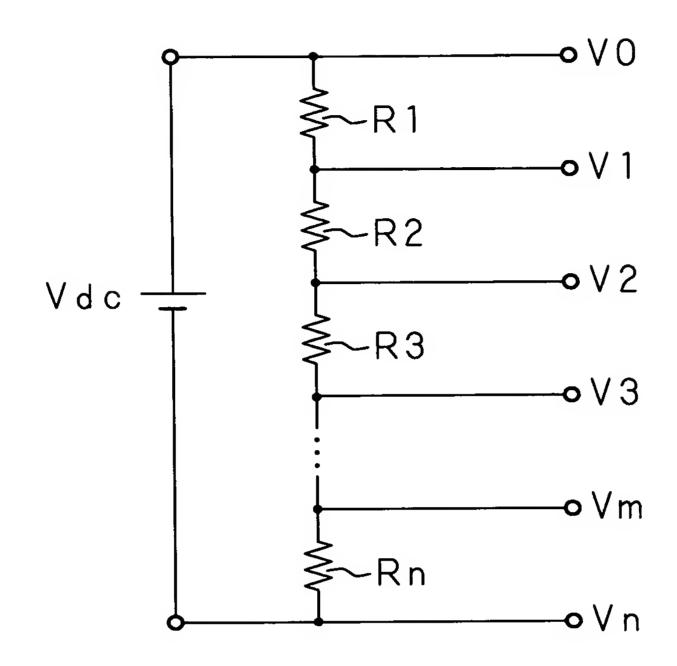


FIG. 18 PRIOR ART



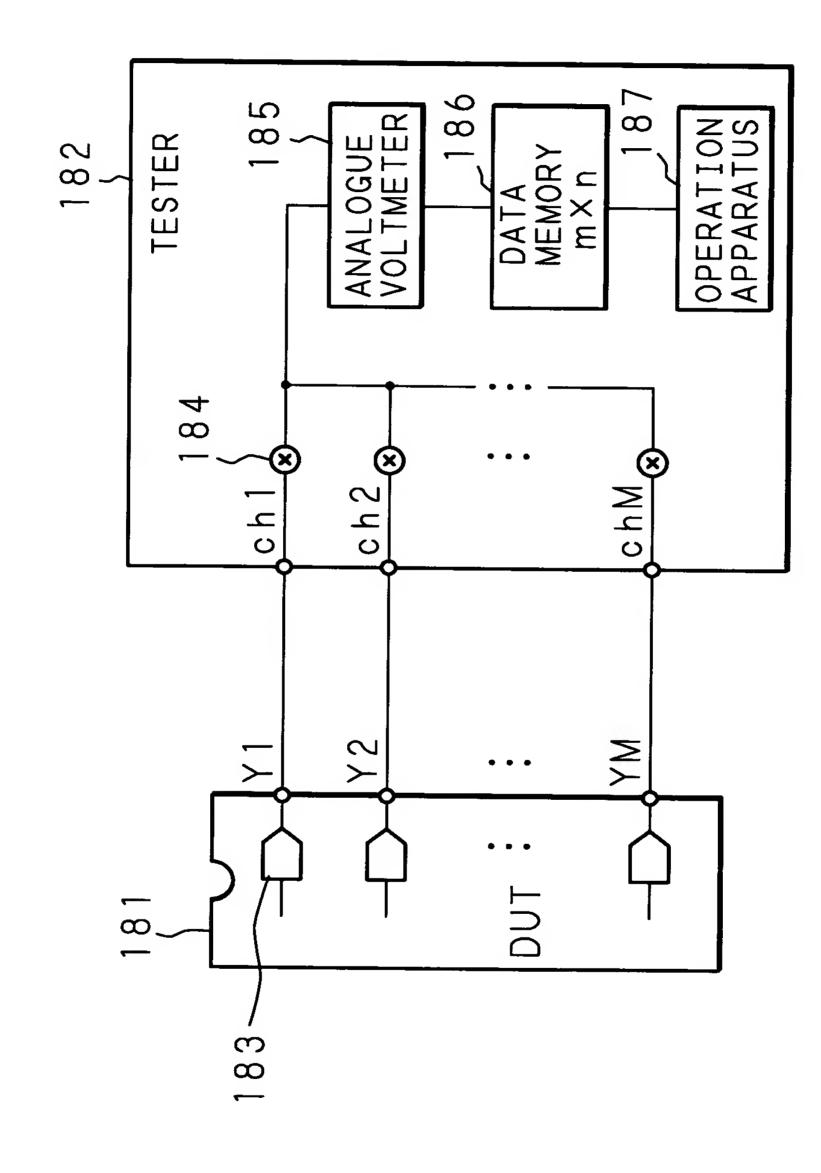


FIG. 19 PRIOR ART

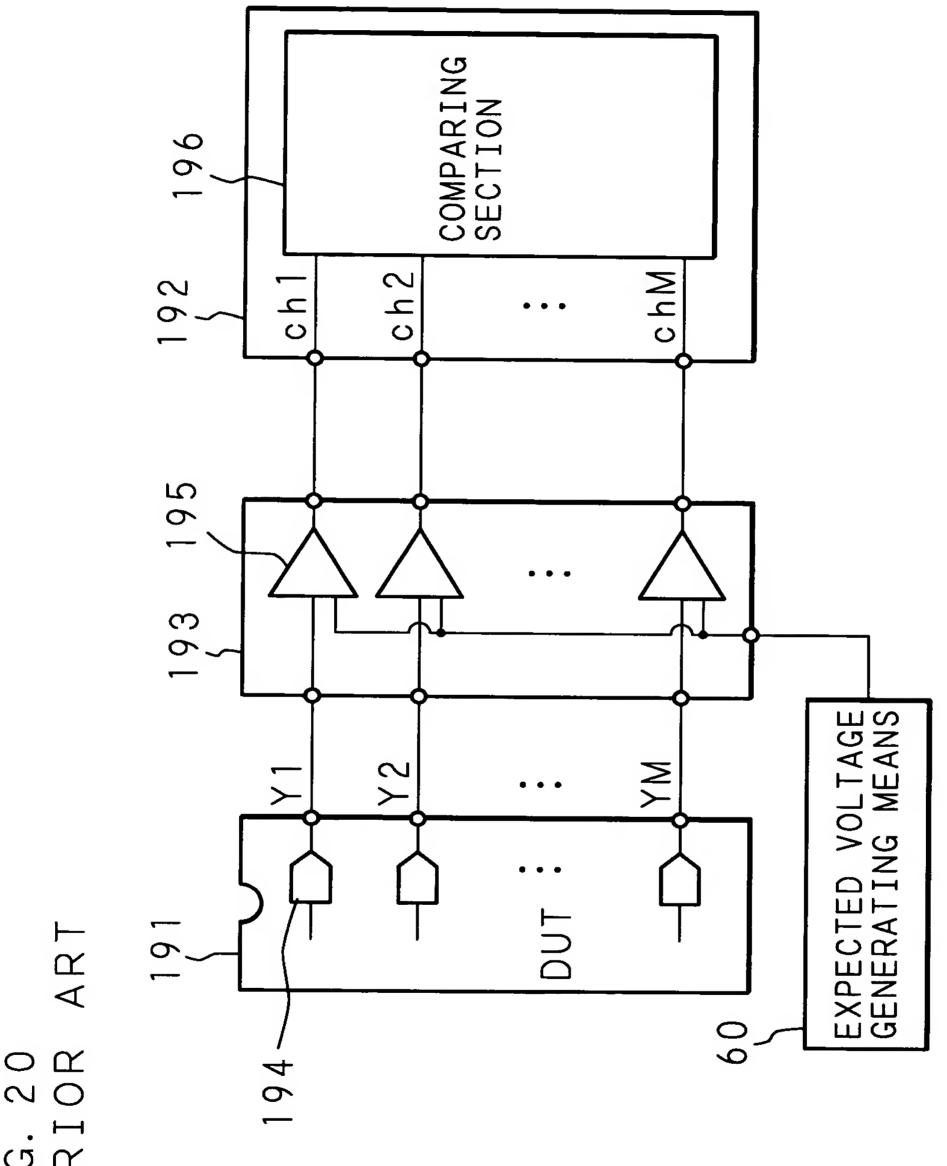


FIG. 20 PRIOR

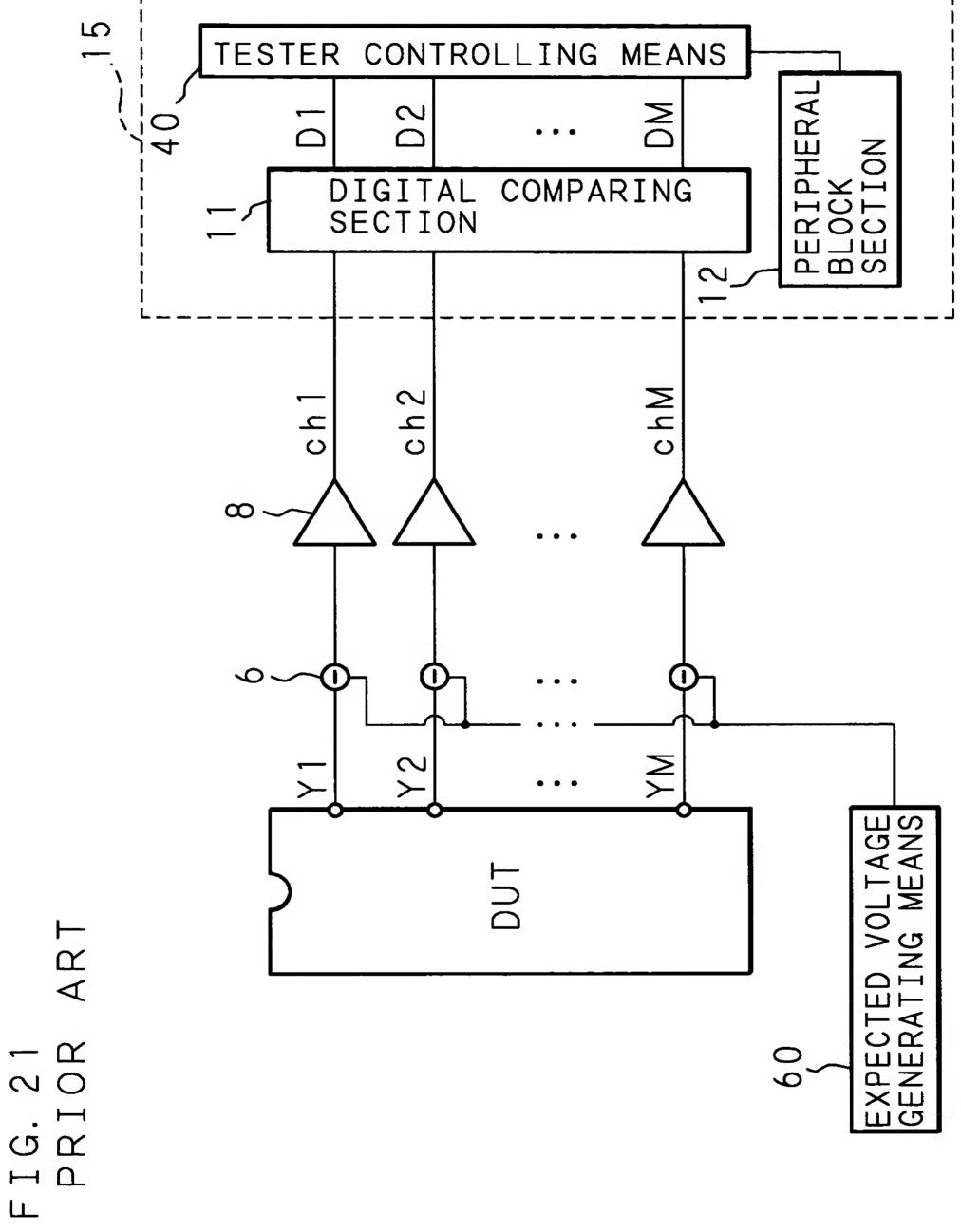
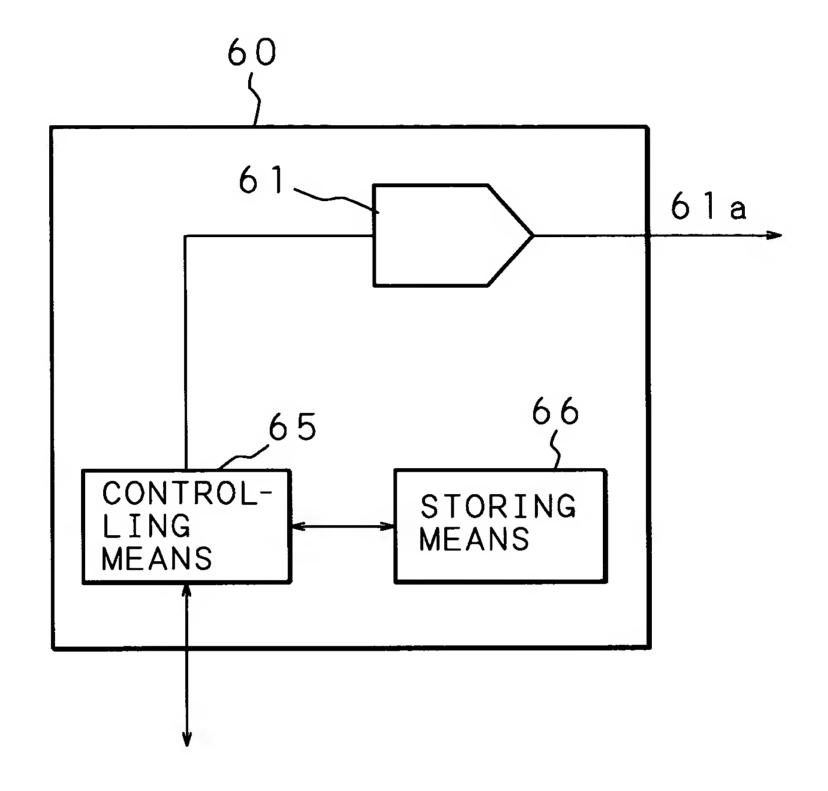
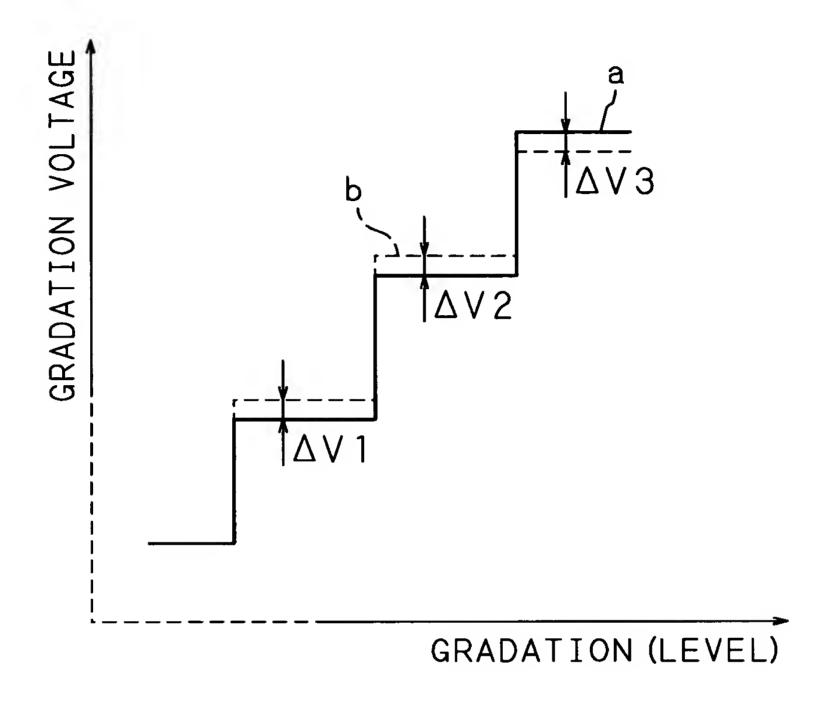


FIG. 22 PRIOR ART





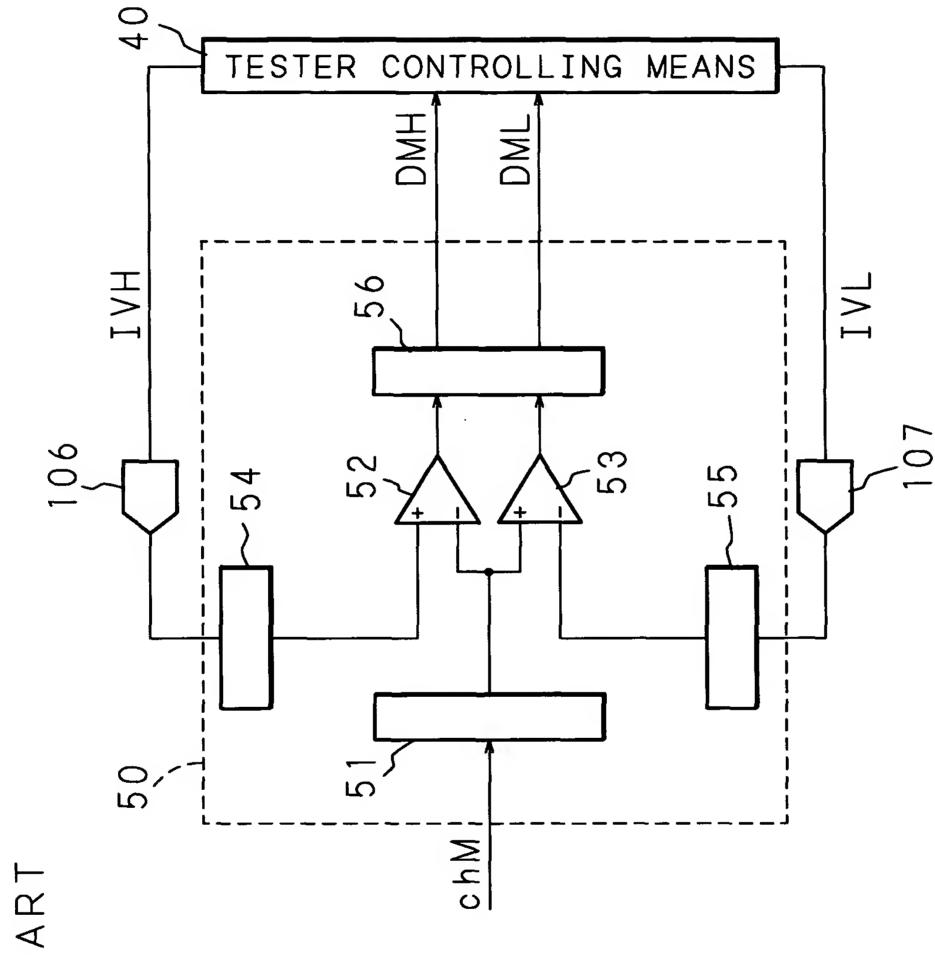


FIG. 24 PRIOR AR